

Programs for Educators Directory

2002-2003 School Year Edition

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This material will be provided in alternate formats upon request for individuals with disabilities. Please dial 711 for TTY relay.

NOTE: All programs are provided free of charge, unless otherwise noted.
Please contact program provider for details.



**King County Executive
Ron Sims**

September 2002

Dear King County Educators:

It is with great pleasure that I introduce the publication of the 2002-2003 King County Programs for Educators Guide.

The annual update of this guide helps ensure that educators have current information on available county materials, funding sources and organizations. This publication is the result of the coordinated efforts of a number of county agencies that provide services or programs to schools and is an example of the vital cooperation that develops and sustains just and equal educational opportunities. This edition features numerous programs that present students with a wide variety of topics ranging from disaster and emergency preparedness to natural resource stewardship. These and other programs listed in the guide deal with issues that shape and influence our quality of life in King County now and well into the future.

As King County Executive, I have worked to make education a top priority for my administration. Our economic strength, vitality and quality of life rest on enabling all of our citizens to access educational avenues necessary to succeed and prosper. I commend all who have contributed to the compilation and publishing of this valuable resource.

Congratulations for yet another outstanding edition!

A handwritten signature in black ink, appearing to read "Ron Sims". The signature is stylized with a large, looped "R" and a cursive "Sims".

Ron Sims
King County Executive

I. Arts, Culture and Heritage

ARTS PROGRAMS

Ⓒ Cultural Education Program- Arts in Education

King County Office of Cultural Resources

Grades K-12 • Annual competitive grants are awarded to artists and arts organizations for collaborative projects in King County schools. Successful proposals will broaden the scope of arts education in the curriculum through integration into the classroom and through working partnerships with teachers, schools and school districts to build comprehensive and sequential arts learning in the schools.

Contact Charlie Rathbun at (206) 296-8675 or charlie.rathbun@metrokc.gov for more information.

Ⓒ Special Projects Program- Arts Projects

King County Office of Cultural Resources

All ages • Annual competitive grants are awarded to artists, arts organizations and community arts groups for special initiatives including after school programs, community outreach projects and programs addressing special populations such as seniors, special needs youth, youth at risk, ethnic communities, etc.

Contact Doreen Mitchum at (206) 296-7579 or doreen.mitchum@metrokc.gov for more information.

CULTURE and HERITAGE PROGRAMS

Ⓒ Cultural Education Program- Local History in Education

King County Office of Cultural Resources

Grades K-12 • Annual competitive grants are awarded to local history museums, heritage organizations, historians and heritage specialists for collaborative projects in King County public schools. Successful proposals will involve students and teachers in documenting, preserving and interpreting local historic and heritage

resources. Proposals should broaden the scope of heritage resources into core curriculum, including local history, archaeology, social science and other subjects.

Contact Holly Taylor at (206) 296-8573 or holly.taylor@metrokc.gov for more information.

Ⓒ Special Projects Program- Landmarks and Heritage Projects

King County Office of Cultural Resources

All ages • Annual competitive grants are awarded to local history museums, heritage organizations, historians

and heritage specialists for special initiatives involving youth in the identification, documentation and preservation of local heritage resources. Such resources may include but are not limited to, historic and archaeological sites, museum exhibits and collections, oral history projects to that

interview community elders, and community history research. Contact Holly Taylor at (206) 296-8573 or holly.taylor@metrokc.gov, or Donovan Gray at (206) 296-8682 or donovan.gray@metrokc.gov for more information.



Salmon People

© Roger Fernandes, courtesy of the Museum of History and Industry's *Change of Worlds* virtual exhibit: www.changeofworlds.org

Ⓘ Cultural Education

King County Office of Cultural Resources

An on-line guide to cultural education is available at <http://www.metrokc.gov/exec/culture>.

© Cultural Diversity Program

Washington State University, Cooperative Extension Service/King County Community and Human Services

All ages • This workshop program is designed to support organizations, educators, and recruiters that want to recruit and/or implement programs for minority groups. Understanding the diversity of a culture encourages successful management of human resources. This program presents a variety of innovative educational opportunities that will contribute to the life-long learning of minorities and the success of their communities. The program operates year-round and includes cultural foundation information to encourage the development of personal awareness and information necessary for a person to engage in positive and productive relationships with culturally diverse individuals or groups. In addition, the program is designed to encourage an understanding of the differences and similarities that exist between individuals and cultural groups and their activities. Workshops are one to three hours in length and are available upon request. Contact Sonia G. Morales O. at (206) 205-3133 or sonia.morales@metrokc.gov for more information.



Seattle Municipal Court Judge Judith Hightower, the keynote speaker for the 2001 Martin Luther King Jr. celebration. Photo courtesy of King County Office of Civil Rights.

civil rights protections, fair housing and fair employment practices. The presentations are intended for upper high school grade levels, but topics can be tailored to the audience as requested or required. Presentations take from 30 to 50 minutes, and can be expanded. The topics apply to Washington's Essential Academic Learning Requirements found in the Social Studies categories of Civics and History. For information about civil rights and the King County Office of Civil Rights check out the OCR Web site at www.metrokc.gov/dias/ocre or find the link at www.metrokc.gov/kids. The Office of Civil Rights publishes an annual report and agency brochure. The annual report is also on the Web site. Fact Sheets and the Fair Housing Update Newsletter are also available on request, on our Web site, and they are available in alternate formats. Contact John Macdonald at (206) 296-7592, (206) 296-7596 TTY or john.macdonald@metrokc.gov for more information.

© Community Gardening Program

King County Department of Natural Resources and Parks

All ages • This program provides an opportunity for people to learn about growing plants and vegetables organically in a (10 by 40-foot) rental plot. Community Gardens are located at North Green River Park (Green River Road and 94th Place South) near Kent, and at Marymoor Park (6046 West Lake Sammamish Pkwy NE) near Redmond. Applications are accepted on an on-going basis, as space is available. Year-round and seasonal plots are available at both gardens. School groups can make a school year commitment at either garden. Gardeners must provide all equipment. Rental fee for school groups may be waived. For more information or program assistance, contact Laura Niemi at (206) 296-4294 or laura.niemi@metrokc.gov, or Jan Dahl at (206) 296-4296 or jan.dahl@metrokc.gov.

II. Community

© Civil Rights Education

King County Office of Civil Rights

Grades 11, 12, others • This office implements King County's anti-discrimination ordinances pertaining to housing, employment, public accommodations (services like gas stations, barbers, and stores) and contracting; and assists the County in meeting its Title IV responsibilities. The office also assists King County departments to ensure that their facilities, programs, and services are accessible to people with disabilities. Speakers describe the office's work and the services provided to students and the community at large, with training in basic

III. Environment

I Internet Resources

King County Department of Natural Resources and Parks

All ages • On-line publications can be accessed at <http://dnr.metrokc.gov/topics/publications/pubtopic.htm>

I KIDS Web Site!

King County Department of Natural Resources and Parks

Grades 4-10 • Visit the Department of Natural Resources and Parks KIDS Web site at <http://www.metrokc.gov/dnr/kidsweb/>. The site features interactive games and information on solid waste, recycling, watersheds, water quality, wildlife, habitat and household hazardous waste.

HOUSEHOLD HAZARDOUS WASTE

A Action Teams

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 4-12 • Classrooms are encouraged to take action for the environment by completing a project that enhances their own and others' awareness of the effects of household hazardous waste. Teachers can receive project funding through mini-grants of \$50 to \$500 as well as technical assistance in developing and implementing the project. Past projects have included water quality testing, stenciling storm drains,

developing an organic or pesticide-free garden, and developing projects for a science or environmental fair. Priority is given to teachers who have taken the Hazards on the Homefront Teacher Workshop. Contact Jennifer Howell at (206) 583-0655 or visit <http://dnr.metrokc.gov/swd/schoolpr/hhw/minigrants.htm> for more information.

CI Hazards on the Homefront: Slugs, Bugs, and Dirty Toilets

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 4-12 • Find out how common, hazardous household products like bug killers, car products, paints and cleaners can affect the health of people, salmon, and the environment. Sign up for free classroom presentations or a combination experience in the classroom and in the field. Classroom activities may include testing safer alternatives to common cleaners, debating safest disposal methods, sequencing environmental photo cards to show the route of household products into streams, role playing, or playing Toxic Free Bingo. Classroom options range from a one-day session (55 minutes - 2 hours) to a longer, hazardous waste mini-unit spread over 2-3 days. All sessions are interactive and activity-based. Teachers frequently integrate this program into studies of water quality and water pollution, environmental and health issues, recycling and waste disposal, and chemistry and the community. This program supports the Washington State EALR's. You can also combine Slugs, Bugs, and Dirty Toilets



Earth Legacy Initiative

Launched in May 2000, the King County Earth Legacy Initiative celebrates the importance of protecting and enhancing our natural environment. The Initiative highlights a number of programs, such as those in this directory, that maintain the environmental integrity of our region, as well as our high quality of life. It encourages the involvement of businesses, local government, youth, organizations, employees and the broader community to make a difference. The Initiative provides a number of opportunities for classrooms to get involved as well.

Students can sign up on the Earth Registry to receive information on opportunities to help the environment. Students and teachers can be nominated as Earth Heroes. Nominate your colleagues (or yourself) if you know of programs that are really making a difference. Call the Earth Legacy hotline at (206) 205-5600 or visit <http://www.metrokc.gov/earthlegacy/> for more information.

A Action

CI Classroom

Cr Curricula

F Field Trip

G Grants

I Internet

O Other

P Publications

T Teacher's Workshop

V Video

with a field program from the King County Interpretive Programs Office or the Seattle Aquarium. In both programs, your students will test stream water for acidity, temperature, shade cover, human impacts, resident insects, and other factors. The students' goal is to decide how healthy the stream is. Maximum number of students is approximately 30. There is a fee for both field programs. To schedule a free hazardous waste program or to find out more about the field programs, contact Gail Gensler at (206) 263-3082 or gail.gensler@metrokc.gov. You may also visit <http://www.metrokc.gov/hazwaste/teachers> for more information.

Cr Hazards on the Homefront: A Teacher's Guide to Household Hazardous Waste

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 4-6 and 7-12 • This recently revised curriculum guide now comes in separate versions for Grades 4-7 and 7-12. The guide is designed to familiarize students with the health and environmental effects associated with the use of many common household products. The activities in the guide teach students about reading product labels and making safe choices about use, storage and disposal of hazardous products. The activities also develop skills for investigating these issues and suggest opportunities for students to actually do something about reducing hazardous waste in their community. Lessons in the guide are matched to multiple intelligence levels and various Washington State EARLs. The guide is available free to teachers who take the Hazards on the Homefront teacher workshop. Contact Gerty Coville at (206) 296-8459 or gerty.coville@metrokc.gov for more information.



G Hazards on the Homefront: Mini-grants

King County Department of Natural Resources and Parks, Solid Waste Division

Funding in amounts ranging from \$50 to \$500 is available to teachers who have taken the Hazards on the Homefront training. Funding can be used for teach-



ing lessons from the curriculum or carrying out an action project with students. A brief written report is required upon completion of the lesson or project. Contact Jennifer Howell at (206) 583-0655 or visit <http://dnr.metrokc.gov/swd/schoolpr/hhw/minigrants.htm> for more information.

I Hazardous Waste Web site

King County Department of Natural Resources and Parks, Water and Land Resources Division and Solid Waste Division

- For information on household hazardous waste, visit: <http://www.metrokc.gov/hazwaste/>
- For on-line publications visit: <http://www.metrokc.gov/topics/publications/publtopic.htm>
- Teachers may access information about household hazardous waste programs at: <http://dnr.metrokc.gov/swd/schoolpr/hhw/hhw.htm>

T Hazards on the Homefront: Teacher Training Workshops

King County Department of Natural Resources and Parks, Solid Waste Division

Teachers of Grades 4-12 • These workshops demonstrate how to incorporate the lessons in the Hazards on the Homefront teacher's guide into different subject areas. Teachers receive ready-to-use classroom materials, follow-up support and other resources. College and clock hour credit and substitute reimbursement is available. Contact Jennifer Howell at (206) 583-0655 for more information.

RESOURCE CONSERVATION

A Green Schools Program

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-12 • This new program will assist schools to initiate and expand conservation practices. The program will provide hands-on assistance, information and referrals to help schools establish and achieve their goals selected from at least four of eight categories: waste reduction and recycling; hazardous material management; energy conservation;

water conservation; litter reduction; environmental purchasing; emissions reduction; and addressing environmental issues in the classroom. Schools that reach their goals will be recognized on a special page of the King County Web site, and through King County press releases highlighting school efforts and achievements. The program is intended to help schools to conserve natural resources and dollars, to lessen their “environmental footprint” and to increase awareness of resource conservation strategies among administrators, students, faculty and staff. Contact Dale Alekel at (206) 296-8457 or dale.alekel@metrokc.gov for more information.

ⓐ Waste Reduction and Recycling Assistance

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 6-12 • This program assists schools to start or improve recycling programs and to increase waste reduction practices. Upon request, King County will conduct a walk-through to assess a school’s recycling program and waste reduction activities, followed by written recommendations on how the school can increase its recycling rate and decrease its garbage volume. If a school decides to implement one or more of the recommendations, King County will provide follow-up assistance. Contact Dale Alekel at (206) 296-8457 or dale.alekel@metrokc.gov for more information or to request assistance.

WASTE REDUCTION and RECYCLING

ⓐ Green Teams

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 1-6 • A Green Team is a classroom group that commits to making a positive difference in the environment by completing projects in their classroom, school, or community. Typical projects include starting a worm bin, sponsoring waste-free lunches and adding new materials to the school recycling program. Green Teams that complete projects are eligible to win prizes and recognition. Each team also receives the Green Gram, a newsletter filled with ideas, activities and news of other Green Teams. Contact Sara Gersten-Rothenberg or Jennifer

Howell at (206) 583-0655 for more information, a registration form, or list of project ideas. Or visit <http://dnr.metrokc.gov/swd/schoolpr/elem/greenteams.htm>

Ⓒ Master Recycler Composter Volunteers

King County Department of Natural Resources and Parks, Solid Waste Division

All ages • King County’s Master Recycler Composter (MRC) volunteers are available to provide school presentations on topics including waste reduction, recycling, composting and alternatives to household hazardous waste. Presentations can include hands-on displays such as worm bins for food waste composting, environmentally friendly and unfriendly lunches, and alternatives to household hazardous products. Presentations can be made on other resource conservation and waste reduction topics as well.

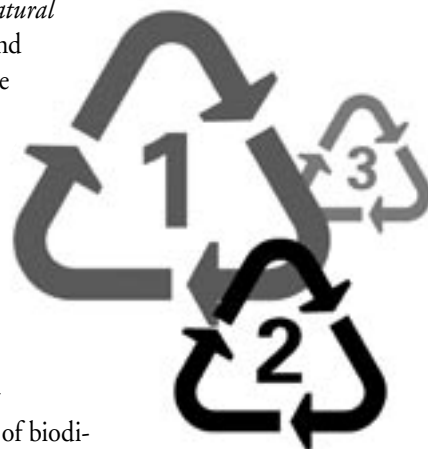
Call Nanda Blazej at (206) 343-9759, ext. 116 to schedule a classroom visit. Contact Karen May at (206) 296-4353 or karen.may@metrokc.gov for more information on the MRC program, or visit <http://dnr.metrokc.gov/swd/resrecy/recycling/master.shtml>

Ⓒ Natural Connections Classroom Labs

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 6-12 • These classroom labs are based on the messages in the *Natural Connections* television special and video (see page 10). The labs use an interactive format to engage students in thinking about the connections between our actions as consumers and generators of waste and their effect on issues such as biodiversity. Choose from:

- Biodiversity in Our World-Students rotate through activity stations, exploring the concepts of biodiversity, resource conservation and the preservation of healthy ecosystems.



- Life Beneath Your Feet: The Soils for Salmon Connection -Through hands-on demonstrations students learn about the functions of soil and discover how soil is connected to the health of aquatic wildlife.
 - Our Material World - Students rotate through activity stations to explore how advertising and packaging affect our consumption of Earth's resources. The workshop also examines what an ecological footprint is and offers easy ways for students to make their e-footprint smaller.
- Contact Nanda Blazej at (206) 343-9759 ext. 116 or visit <http://dnr.metrokc.gov/swd/schoolpr/second/natconn.htm> for more information.

CI Imagine a Better Earth

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 6-12 • Under the guidance of environmentally focused artists, students and their classroom teachers use art as a medium to explore environmental issues. Formerly called the RecycleArtist Program, this hands-on program helps students build communication, art and writing skills while gaining a greater understanding of the importance of our environment and how to conserve its natural resources. *Imagine a Better Earth* encourages creativity and critical thinking as students produce songs, plays and Public Service Announcements related to the environment. Projects vary between 25 and 50 hours of class time. Teachers are active participants in the project and meet with the artist before the project begins to explore connections with existing curriculum and to plan logistics. A variety of start dates may be possible, although all projects should conclude by June 1, 2003.

Contact Dale Alekel at (206) 296-8457 or

dale.alekel@metrokc.gov for more information about the projects available this year, or visit <http://dnr.metrokc.gov/swd/schoolpr/second/recycle.htm>

CI Storytelling Sessions

King County Department of Natural Resources and Parks, Solid Waste Division

Preschool-Kindergarten • Programs are presented by a professional storyteller who first reads and then, with the participation of the students, acts out the story using visuals and props. *Adventures with Zeela* is the story of a visitor from another planet who has come to Earth to find out how humans solve the problem of too much waste. *Tikli's Nose* is the story of a troll who helps humans better appreciate ways they can reduce and recycle waste. To schedule either storytelling session, contact Kathie Vitz at (206) 789-0754.

CI Waste Busters Middle School Classroom Labs

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 6-8 • Presented through Pacific Science Center, these classroom labs spark interest in waste reduction and recycling. Teachers can choose from five different presentations. Each fun, hands-on, interactive session is 45-55 minutes. Maximum of 30 students.

Contact Gail Reeder at (206) 443-2851 or waste_busters@pacsci.org.

CI Waste Busters High School Classroom Labs

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 9-12 • Presented through Pacific Science Center, these classroom labs use an interactive format to involve students in making decisions about solid waste and recycling issues. There are three different presentations to choose from. Labs are 45-50 minutes. Maximum of 30 students.

Contact Gail Reeder at (206) 443-2851 or waste_busters@pacsci.org.

Puyallup tribal member Shaun Peterson carving a canoe with Lakeridge Elementary School students.

Photo by Matt

Brashears – *Mercer Island Reporter*



CI Hop on the Habitat Express Assembly

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-6 • Two professional actors present this assembly program with a lively, interactive format to demonstrate how making choices about waste reduction and recycling can help or hurt our habitat. In this fun-packed 40-minute program, students learn that everyday actions and choices to conserve and reuse can help make a difference.

Call (206) 583-0655 for more information or visit <http://dnr.metrokc.gov/swd/schoolpr/elem/earth.htm>.

CI Habitat Express Workshops

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 1-6 • These interactive workshops build on the lessons of the *Habitat Express* assembly program. Teachers can choose from among three topic areas: Waste Reduction and Recycling, Habitat Stewardship, and Smart Shopping. These 40-minute hands-on presentations are fast-paced, action-oriented and ignite students' own ideas about how to reduce waste and care for the environment.

Call (206) 583-0655 for more information or visit <http://dnr.metrokc.gov/swd/schoolpr/elem/workshops.htm>.

Cr Zero in on Waste

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 6-12 • This set of teaching guides is organized by subject and grade level (either middle or high school). Waste reduction and recycling are presented in the context of science, math and social studies. The high school version also includes a section on chemistry. Teachers can request the subject guide(s) of their choice.

Contact Donna Miscolta at (206) 296-4477 or donna.miscolta@metrokc.gov for more information, or visit <http://dnr.metrokc.gov/swd/schoolpr/second/guides.htm>.

F Cedar Hills Landfill Tours

King County Department of Natural Resources and Parks, Solid Waste Division

All ages • Schedule tours of King County's regional landfill by calling the Cedar Hills Landfill at (206) 296-4490.



F Transfer Station Tours

King County Department of Natural Resources and Parks, Solid Waste Division

All ages • All of King County's transfer stations: Algona, Bow Lake, Enumclaw, Factoria, First Northeast, Houghton and Vashon are open for tours by appointment. The Enumclaw and Vashon Transfer Stations are state-of-the-art facilities featuring recycling centers, public facilities and artwork made from recycled materials.

Contact the Cedar Hills Landfill at (206) 296-4490 to schedule a tour.

G Zero In On Waste Funds

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 6-12 • A program of incentive funds for schools and teachers is available for use with the Zero in on Waste guide.

Contact Donna Miscolta at (206) 296-4477 or donna.miscolta@metrokc.gov for more information, or visit <http://dnr.metrokc.gov/swd/schoolpr/news/news.htm>.

I Internet Resources

King County Department of Natural Resources and Parks, Solid Waste Division

On-line information about all aspects of solid waste can be accessed at <http://dnr.metrokc.gov/swd/>.

Students at Horizon Elementary School hop aboard the *Habitat Express*!



(A) Action

(CI) Classroom

(Cr) Curricula

(F) Field Trip

(G) Grants

(I) Internet

(O) Other

(P) Publications

(T) Teacher's Workshop

(V) Video

Ⓞ Waste Reduction and Recycling Activity Sheets

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-6 • Six activity sheets provide lessons and tips on reducing waste and recycling. Lessons include:

- Be a Garbage Gumshoe: Investigate Your Garbage
 - Grocery Store Scavenger Hunt
 - How to Improve Your School's Waste Reduction and Recycling Program
 - Plan a Waste-Free Lunch
 - Set Up Your Classroom to Encourage Reuse
- You can download these at <http://dnr.metrokc.gov/swd/schoolpr/elementary/activity.htm>. Or call (206) 583-0655 to request copies.

Ⓟ Class Act

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-12 • This quarterly newsletter provides information on program offerings and reports on projects undertaken by students and teachers. While primarily focused on waste reduction and recycling and household hazardous waste issues, the newsletter tries to include news and information on other King County programs of interest to schools.

Contact Donna Miscolta at (206) 296-4477 or donna.miscolta@metrokc.gov for more information, or visit <http://dnr.metrokc.gov/swd/schoolpr/news/news.htm>.

Ⓟ Green Gram

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 1-6 • This quarterly newsletter reports on the activities and achievements of active Green Teams and provides ideas for new projects.

Contact Sara Gersten-Rothenberg at (206) 583-0655 for more information, or visit <http://dnr.metrokc.gov/swd/schoolpr/news/news.htm>.

Ⓞ Chinook Book

King County and City of Seattle

All ages • A new upstream approach to teaching about natural resource stewardship. This fund-raising tool offers a hoard of discount coupons for environmentally helpful products and services.

Call (206) 296-4439 or visit www.ChinookBook.net for more information.

Ⓟ "Rehab the Lab" Hazard-Free Classroom Workshops

King County Local Hazardous Waste Management Program

For teachers of grades 7-12 • Taught by hazardous waste management experts, this workshop trains secondary school science teachers and administrators in laboratory safety and the proper storage and disposal of toxic chemicals. Through hands-on opportunities, teachers learn how to conduct less toxic experiments that still comply with Washington State Essential Academic Learning Requirements (EALR's) for math and science. Each participant will receive a small-scale science kit, a teacher's guide and lesson plans upon completion of the workshop. Five (5) clock hours are available, free to King County teachers. Contact Katie Atkins at (206) 343-9759 ext. 109 to register or for more information.



THE FOLLOWING VIDEOS ARE AVAILABLE FOR LOAN FROM THE KING COUNTY SOLID WASTE DIVISION. CALL (206) 296-4466.

(V) All the Right Stuff

Grades 6-12 • Topic: Consumerism, teen marketing. Length: 25 minutes. A Canadian teenager looks more closely at teen spending habits. Join him on his trip to the mall and see how teens are bombarded with marketing campaigns that pressure them to keep up with the latest trends.

(V) Complete the Circle

Grades 5-12 • Topic: Waste reduction and recycling. Length: 27 minutes. Get the full story on recycling! See what actually happens to our recyclables and learn how to close the loop by shopping smarter.

(V) Connect

Grades 6-12 • Topic: Environmental stewardship. Length: 23 minutes. Environmentalists from around the world join famous music personalities and the young president of the Sierra Club as they share their concerns for the state of the Earth in this music-infused call to action.

(V) Countdown to Earth Day

Grades 2-6 • Topic: Recycling, hazardous waste and composting. Length: 35 minutes. This comprehensive video shows students getting answers to questions about recycling, waste reduction, composting, hazardous waste and how to better care for our environment.

(V) Get Busy: How Kids Can Help Save the Planet

Grades 2-7 • Topic: Waste reduction and recycling. Length: 30 minutes. Stephanie and Z from 3-2-1 Contact explore the positive and negative effects of modern technology in looking at environmental problems such as solid waste disposal and water pollution.

(V) Give the Rake a Break, Jake!

Grades 5-10 • Topic: Smart lawn care. Length: 4 minutes. Learn why you never have to bag your grass clippings again!

(V) Household Hazardous Waste: A Little Goes A Long Way

Grades 6-12 • Topic: Hazardous waste. Length: 15 minutes. Learn how to recognize, safely use and dispose of some of the hazardous products in our lives. You'll also learn about some safer alternatives.



(V) It's All Connected

Grades 2-6 • Topic: Hazardous waste. Length: 11 minutes. Delivered with a twist of humor, this short video looks into hazardous waste, some consequences of its use and safer alternatives.

(V) Gotta Have It

Grades 6-9 • Topic: Consumerism, teen marketing. Length: 20 minutes. Available by December 2002.

A unique narrative video that tells a story of teenagers (and adults) influenced by the media to purchase products they may not need. Rather than relying upon facts and figures to convey messages about over-consumption, the "movie-like" video promotes critical thinking skills and stimulates awareness of: a) the connection between over-consumption of material goods and depletion of natural resources; and b) media advertising techniques. Based on a play written by King County middle school students and a theatre teacher, the video was shot locally and features local talent.

The video comes with a discussion guide to help focus classroom discussion and student understanding of the concepts presented.

"Gotta Have It" could be used in conjunction with a unit on natural resources, consumer awareness and responsible purchasing, or advertising and media strategies. It would be an appropriate follow-up to King County's "Natural Connections" video, which deals with the impacts of our everyday actions on the environment.



(V) The Merchants of Cool

Grades 9-12 • Topic: Consumerism. Length: 60 minutes. This Frontline program explores the culture in which today's American teenager is growing up and how their lives have become the object of obsessive focus by corporate America.

(V) Mr. Roger's Neighborhood

Preschool-Kindergarten • Topic: Recycling. Length: 30 minutes. When solid waste problems plague the "Neighborhood of Make-Believe," Mr. Rogers talks to children about the importance of waste reduction.

(V) Natural Connections - Emmy Award Winner!

Grades 4-12 • Topic: Environmental awareness. Length: 48 minutes. Several Northwest scientists, as well as world-renowned biologist Edward O. Wilson, speak about the inter-connectivity among different species and their ecosystems and how our everyday actions affect the environment. Topics include biodiversity, the role of salmon in the web of life, keystone species and healthy forests.

**(V) No Time To Waste**

Grades 4-8 • Topic: Environmental awareness and the political process. Length: 30 minutes. Follow middle school students from around the world as they take on environmental projects and learn how to make a difference through the political process.

(V) Oil and Water Don't Mix

Grades 6-12 • Topic: Recycling oil. Length: 8 minutes. A popular comedian shares knowledge about where oil comes from, the problems with disposal and ways we can use oil safely.

(V) Old John

Grades K-5 • Topic: Environmental awareness. Length: 57 minutes. An elementary school class is visited by a wise old man who helps them travel through time and space as they consider the tug-of-war between future society's needs and maintaining the ecosystem.

(V) Our Planet Earth

Grades 4-12 • Topic: Environmental awareness. Length: 23 minutes. This award-winning film documents 17 astronauts from 10 different countries as they share their experiences and insights, in the hope that all humanity will see the wonder and fragility of our planet, as they have, from beyond political and geographical boundaries.

(V) The Resource Revolution

Grades 6-12 • Topic: Recycling. Length: 12 minutes. Through one student's classroom presentation, we learn the basics of the recycling movement with an emphasis on plastics.

(V) The Rotten Truth

Grades 2-8 • Topic: Waste reduction and recycling. Length: 30 minutes. Visit the "museum of garbage," the world's largest landfill and a recycling plant, as a student guide teaches us about waste reduction and recycling.

(V) Space Station Earth

Grades K-5 • Topic: Waste reduction and recycling. Length: 23 minutes. Join a classroom of elementary school students as they learn why we recycle, what happens to our recyclables and how we can reduce the amount of waste we create.

(V) Steps to Successful Composting

Grades 6-12 • Topic: Composting. Length: 30 minutes. Some delightful Canadians show you everything you need to know about the composting process.

(V) Studies in Stewardship

Grades 5-12 • Topic: School-based environmental projects. Length: 8 minutes. Three schools in King County are profiled for their environmental projects. Featured are river ecology studies at Snoqualmie Elementary; a recycling program at Tolt Middle School; and a composting project at West Auburn High School.

V Turtle World

Grades 3-12 • Topic: Environmental awareness. Length: 9 minutes. This award winner is a prophetic and insightful look at how human nature has allowed us to lose touch with the Earth. It is a simple but powerful story told through the wonder of computer animation and is a great conversation starter.

V The Waste Zone

Grades 3-10 • Topic: Waste reduction and recycling. Length: 14 minutes. Bill Nye shows a couple of youngsters why they need to recycle. The last five minutes look at the recycling process itself and some of the products made with recycled materials.

V Wiz Kids Go Green

Grades 2-6 • Topic: Waste reduction and recycling and consumerism. Length: 40 minutes. In this video of a Wiz Kid performance, consumerism, smart shopping, garbage analysis and worm bins are explored in their wonderfully engaging and humorous style. The Wiz Kids are top-notch educators and entertainers.

V Wiz Kids Video Adventures

Grades K-6 • Topic: Waste reduction and recycling, composting and worm bins. Length: 28 minutes. Through seven lively short stories, students and teachers learn a variety of behaviors that will help them to reduce the amount of waste they create.

WATER QUALITY

A Storm Drain Stenciling

King County Department of Natural Resources and Parks, Water and Land Resources Division

Most ages • Stenciling can be done at a location and time convenient for your class during the drier months of the year. Storm drain stenciling teaches students and community members that motor oil, antifreeze, paints and other chemicals dumped into storm drains flow untreated into our region's waters. Contact Lexi Taylor at (206) 296-8287 or lexi.taylor@metrokc.gov for information.

A Car Wash Kits

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 4-Adult • Does your school hold fund-raising car washes? King County has two salmon-friendly car wash kits you can check out for your fund-raiser. This kit diverts soapy wastewater to the sanitary sewer for treatment instead of allowing it to flow directly down the storm drain to fish habitat. Educate others about what they can do to help keep our water clean and safe for salmon with the educational pamphlets provided.

Contact Lexi Taylor at (206) 296-8287 or lexi.taylor@metrokc.gov for more information.

King County has two salmon-friendly car wash kits available for you to check out for your fund-raising event.

CI Water Quality Education Program

King County Department of Natural Resources and Parks, Water and Land Resources and Wastewater Treatment Divisions

Grades 4-12 • This program features a general discussion of water quality issues. Included is information about the water cycle, hazardous waste (from pesticides to household cleaners) and available alternatives, the difference between storm drain and sewer water, wastewater treatment and what happens to the water (and leftover solids) after treatment. A groundwater model is used to show what happens to the pesticides, oil and fertilizers that we use in our daily lives. Salmon recovery and the Endangered Species Act are also introduced. Materials and resources are left with teachers as well as suggested activities for students.

Program Needs:

- One hour of class time on Monday or Wednesday
- Room that will darken for slide show
- Water and a sink

Contact Lexi Taylor at (206) 296-8287 or lexi.taylor@metrokc.gov to schedule.

Water quality education provided by the Water and Land Resources and the Wastewater Treatment Divisions.



Groundwater Education Program

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 3-12 • Classroom presentations and hands-on activities introduce the topics of groundwater and the water cycle. Groundwater is the major source of drinking water for much of King County. Students learn about groundwater terms, the water cycle, aquifers, the contamination of groundwater and what they and their families can do to conserve and protect this natural resource. The impact groundwater has on the local salmon habitat is also discussed. Aquifer and groundwater simulators, as well as props in an interactive skit are used to illustrate these principles in the classroom. Students learn through visual demonstrations that what they do above ground affects what happens to our groundwater supply. After engaging in these interactive classroom activities, children and family interact in a home conservation and pollution inventory assessment, with findings discussed with classmates. Contact Ray Eldridge at (206) 263-6572 or ray.eldridge@metrokc.gov for more information.

Seattle 4-H Challenge Water Quality Curriculum

Washington State University Cooperative Extension Service

Grades 9-12 • Designed to teach biological principles through the study of water quality, the curriculum combines classroom and outdoor projects throughout the year. This curriculum is easily adapted to general biology textbooks. 4-H Challenge activities are integrated to build communication and team-based skills for small group lab work. Teacher workshops are available upon request. Contact 4-H faculty and staff at (206) 205-3100 for more information, or visit <http://king.wsu.edu/4-H>

Stream Connection

King County Department of Natural Resources and Parks, Interpretive Programs Office

Grades K-12 • Make a connection with streams and water quality through a classroom and field experi-

ence. King County has several streams that double as great outdoor classrooms. Available year-round, this program can include salmon viewing in the fall. Allow one hour of class time and one hour for field trip. Call (206) 296-4171 or E-mail ipo.parks@metrokc.gov to schedule.

Wheels to Water*

King County Department of Natural Resources and Parks, Wastewater Treatment Division/Water and Land Resources Division

Grades K-12 • Wheels to Water is a King County program providing free Metro bus transportation to approved water quality sites. Transportation is available for these programs:

- Carkeek Park (206) 684-0877
- Discovery Park (206) 386-4236
- King County Parks (206) 296-4171
- Mercer Slough Environmental Education Center (206) 443-2925
- Mountains to Sound Greenway (206) 517-9955
- The Seattle Aquarium (206) 386-4353
- The Seattle Aquarium's Mobile Field Lab (206) 386-4353
- Thornton Creek Project (206) 526-0187
- King County's Wastewater Treatment Plant (206) 296-8286

To plan a tour and reserve a bus:

Step 1-Contact the tour sites directly to set a date for your class field trip.

Step 2-Contact Zana Geddes at (206) 296-8001 or zana.geddes@metrokc.gov to reserve a bus.

*Note: Only one bus per class, per school year. Visit <http://dnr.metrokc.gov/wtd/wheelstowater> for more information.

Waterworks Garden Stroll - South Plant (Renton)

King County Department of Natural Resources and Parks, Wastewater Treatment Division

All ages • Landscape Architecture magazine calls it a "modern ecological experience." Stroll through Waterworks Garden, an 8-acre public space, where art, technology and nature join in a unique way. Five garden areas follow nature's path in the purification of storm water received from the adjacent wastewater reclamation plant. Limited parking.



Contact Bernadette Donald at (206) 296-8286 or bernadette.donald@metrokc.gov for more information.

(F) Wastewater Treatment Plant Tours

King County Department of Natural Resources and Parks, Wastewater Treatment Division

Grades 5-Adult • Tour one of King County's regional wastewater treatment plants. Spend two hours exploring either the South Plant in Renton or West Point treatment plant near Seattle's Discovery Park. Follow the process of treating and reclaiming wastewater and biosolids. Closed-toe, flat shoes must be worn. Tours limited to one classroom-sized group (42 participants, maximum) per day. Contact Bernadette Donald at (206) 296-8286 or bernadette.donald@metrokc.gov for more information, or visit <http://dnr.metrokc.gov/wtd/tours/index.htm>.

(V) H2Ope-A Free Video on King County's Watersheds

King County Department of Natural Resources and Parks

Grades 7-Adult • *H2Ope for the Future* tells the stories of King County's watersheds, the interconnectedness we share with all living things in a watershed, and why it is important to protect our fragile water resources. The film is ideal for the classroom and for anyone interested in understanding the function and value of our local watersheds. Viewers learn what they as individuals can do to help make a difference. This video will be supplied free to teachers and school libraries for use in classrooms, meetings or home viewing.

Contact Valerie Dascil at (206) 296-1968 or valerie.dascil@metrokc.gov for more information.

(V) Natural Connections - Emmy Award Winner!

King County Department of Natural Resources and Parks

Grades 4-12 • Topic: Environmental awareness. Length: 48 minutes. Several Northwest scientists, as well as world-renowned biologist Edward O. Wilson, speak about the interconnectedness among different

species and their ecosystems and how our everyday actions affect the environment. Topics include biodiversity, the role of salmon in the web of life, keystone species and healthy forests.

Contact King County Solid Waste Division at (206) 296-4466 for more information.

(V) Little Drip

King County Department of Natural Resources and Parks, Water and Land Resources Division

Preschool-4th grade • Topic: Water cycle. Length: 15 minutes. Eight year-old Wyatt joins Little Drip on an adventurous trip through the water cycle. Through the use of "magic water," Wyatt is shrunk to raindrop size and follows Little Drip through the ground to an aquifer. They are then sucked up a well, bounced onto the pavement, become vapor and Wyatt returns home through his shower water! With Little Drip's help, Wyatt learns how people have an impact on the quality and quantity of groundwater. Children learn:

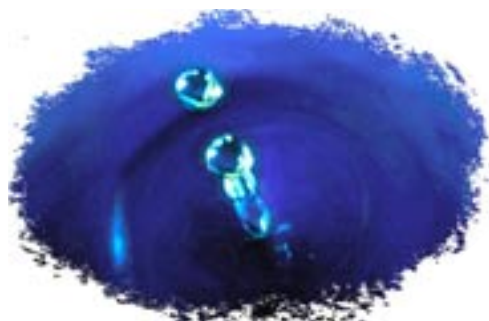
- The basics of the hydrological cycle
 - Groundwater terms
 - How groundwater can be contaminated
 - What young people can do on a daily basis to conserve and protect our groundwater supply.
- Contact Ray Eldridge at (206) 263-6572 or ray.eldridge@metrokc.gov for more information.

(V) Groundwater: The Flow From Below

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 6-adult • Topic: Groundwater. Length: 20 minutes. This video describes where groundwater comes from, how it becomes contaminated and how we can protect it. Produced in a humorous, upbeat manner, the video presents the following groundwater issues:

- Agriculture



Little Drip teaches students how people have an impact on the quality and quantity of groundwater.





- Farming and forestry
- Growth and development
- Underground storage tanks
- Septic systems
- Water conservation
- Sea water intrusion
- Sand and gravel mining
- Landfills
- Hazardous materials management

- Groundwater recharge

Contact Ray Eldridge at (206) 263-6572 or ray.eldridge@metrokc.gov for more information.

(V) Wastewater Treatment Division Overview

King County Department of Natural Resources and Parks, Wastewater Treatment Division

All ages • Length: 13 minutes. Topic: History of the Wastewater Treatment Division and its operations. Contact Bernadette Donald at (206) 296-8286 or bernadette.donald@metrokc.gov for more information.

WATERSHEDS, WETLANDS and HABITAT

(A) Adopt-A-Park Programs

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 4-12 • There are a number of volunteer opportunities appropriate for youth that range from one-time events to the adoption of a local park. These projects can vary significantly depending on the specific goals and objectives of the educator/school program/youth, and the opportunities available with the King County Parks System. Stewardship and restoration projects have been popular. Programs including multiple tree plantings, invasive plant removals, wetland and meadow restoration projects are held at various parks and are available throughout the year. These are often the easiest opportunities for teachers to tap into since there is no long-term commitment. Special volunteer events can be arranged for school groups. If educators are interested in a long-term experience, they can adopt a site (a minimum commitment of four projects per year). Projects vary from site to site, but can include

cleaning up litter, planting trees, or removing invasive plants. Teachers interested in a potential project are encouraged to make a request.

Contact Tina Miller at (206) 296-2990 or tina.miller@metrokc.gov for more information, or visit the King County Department of Natural Resources and Parks Web site at <http://www.metrokc.gov/parks> for an overview of some of our ongoing and one-time projects (click on the volunteer section).

(A) Native Plant Salvage Program

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 6-12 • This unique recycling program involves volunteers in digging up plants from natural sites before they are cleared for development. It is a great opportunity for middle and high school students to learn about native plants and their role in protecting the aquatic ecosystem. On-site salvage projects can be arranged, or volunteers may work at the native plant nursery for your class with advance notice.

Contact Greg Rabourn at (206) 296-1923 or greg.rabourn@metrokc.gov for more information.

(A) Volunteer Plantings

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Planting trees by streams and salvaging native plants from sites slated for construction make great “extra credit” projects for students. Projects are planned for many Saturdays in spring and fall. Young children must be supervised and an adult must accompany children under 16. Liability waivers are required for those under 18.

Contact Polly Freeman at (206) 296-8359 or poll.y.freeman@metrokc.gov to participate or for more information.

(CI) Forest Connection*

King County Department of Natural Resources and Parks, Interpretive Programs Office

Grades K-12 • Immerse your students in the lush and dynamic forests that make the Pacific Northwest

(A) Action

(CI) Classroom

(Cr) Curricula

(F) Field Trip

(G) Grants

(I) Internet

(O) Other

(P) Publications

(T) Teacher's Workshop

(V) Video

so spectacular. Learn what role these forests play in cleaning our water and air, protecting biodiversity and recycling our natural materials. Available year-round. Allow one hour of class time and one hour for the field trip.

Contact the Interpretive Programs Office at (206) 296-4171 or ipo.parks@metrokc.gov to schedule or for more information.

CI Nature in the Classroom*

King County Department of Natural Resources and Parks, Interpretive Programs Office

Grades 1-6 • Animal Senses, Native Plant Uses, Jump into Geology, or Food Webs are just a few of the thirty environmental science programs available for elementary and intermediate students. These essential learning-centered, hands-on programs are designed to enhance science and social studies units. Contact the Interpretive Programs Office at (206) 296-4171 or ipo.parks@metrokc.gov to schedule or for more information.

CI Puget Sound Connection*

King County Department of Natural Resources and Parks, Interpretive Programs Office

Grades K-12 • Puget Sound is one of the richest marine ecosystems in the world. Explore the diversity and value of its inter-tidal zone through a classroom and field experience. Available spring only. Allow one hour of class time and one hour for the field trip. Contact the Interpretive Programs Office at (206) 296-4171 or ipo.parks@metrokc.gov to schedule or for more information.

CI Wetland Connection*

King County Department of Natural Resources and Parks, Interpretive Programs Office

Grades K-12 • Acre for acre, there is more life in a healthy wetland than in almost any other kind of habitat on earth. Discover the valuable roles that wetlands play through an interactive classroom and field experience. Available year-round. Allow one hour of class time and one hour for the field trip. Contact the Interpretive Programs Office at (206) 296-4171 or ipo.parks@metrokc.gov to schedule or for more information.

CI WLRD School Credit Program

King County Department of Natural Resources and Parks, Water and Land Resources Division

School districts in the Water and Land Resources Division (WLRD) service area (the western third of unincorporated King County) may apply for a waiver of their WLRD fees based on their administration of water-related curriculum. In addition to in-class instruction, districts may request extra credit for sponsoring relevant teacher training or hands-on activities for students such as sampling water quality at nearby lakes or streams, or raising native plants. Contact Lexi Taylor at (206) 296-8287 or lexi.taylor@metrokc.gov for more information.

Cr Wonderful Wetlands: An Environmental Education Curriculum Guide for Wetlands*

King County Department of Natural Resources and Parks, Interpretive Programs Office

Grades K-12 • Want to learn more about wetlands? This excellent guide will provide you with comprehensive background information on wetlands in King County and an extensive set of activities for use in the classroom.

Contact the Interpretive Programs Office at (206) 296-4171 or ipo.parks@metrokc.gov for more information or to order a copy - \$18.

F Forest Connection*

King County Department of Natural Resources and Parks, Interpretive Programs Office

Grades K-12 • Visit Cougar Mountain Regional Wildland Park or Tolt-MacDonald Park for a guided walk.

Contact the Interpretive Programs Office at (206) 296-4171 or ipo.parks@metrokc.gov to schedule or for more information.



(F) Puget Sound Connection*

King County Department of Natural Resources and Parks, Interpretive Programs Office

Grades K-12 • Visit Seahurst Park (City of Burien) or Richmond Beach Park (City of Shoreline) for a guided beach walk. Spring only, due to tide schedules.

Contact the Interpretive Programs Office at (206) 296-4171 or ipo.parks@metrokc.gov to schedule or for more information.

(F) Stream Connection*

King County Department of Natural Resources and Parks, Interpretive Programs Office

Grades K-12 • Visit Cedar River, Bear Creek or your nearby stream for a guided walk.

Contact the Interpretive Programs Office at (206) 296-4171 or ipo.parks@metrokc.gov to schedule or for more information.

(F) Wetland Connection*

King County Department of Natural Resources and Parks, Interpretive Programs Office

Grades K-12 • Visit Soos Creek or Marymoor Parks for a guided walk.

Contact the Interpretive Programs Office at (206) 296-4171 or ipo.parks@metrokc.gov to schedule or for more information.

(F) Beach Naturalist Program

King County Department of Natural Resources and Parks and Seattle Aquarium

All ages • Trained volunteer naturalists help visitors learn about, care for and enjoy the beach environment. Learn what sea stars eat, why barnacles stand on their heads and how moon snails lay their eggs. Children are especially welcome! Available at seven area beaches

on low-tide weekends and some weekdays from May through July. Contact Polly Freeman at (206) 296-8359 or polly.freeman@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/beach-naturalists.htm> for more information.

(G) Wild Places for City Spaces: Urban Reforestation and Habitat Restoration Fund

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Urban reforestation and habitat restoration grant funds are available. These grants can be used for restoration on school grounds if the school is within the Urban Growth Boundary area of King County.

Contact Ken Pritchard at (206) 296-8265 or ken.pritchard@metrokc.gov for more information.

(G) Small Change for a Big Difference Grants

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • These grants support salmon and watershed education, enhancement, protection and restoration efforts in King County. Letters of intent can be submitted any time during the year. Up to \$2,000 offered per project. Grassroots organizations are strongly encouraged to apply. Send us your letter of intent today!

Contact Ken Pritchard at (206) 296-8265 or ken.pritchard@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/grants.htm> for grant guidelines or more information.

(G) WaterWorks

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades K-College • A grant program for stewardship projects that protect water quality and water-dependent habitat. Awards of up to \$50,000 are available, two cycles per year. Booster WaterWorks grants are available on a rolling basis, with the maximum award being \$5,000. Grant deadlines for requests over \$5,000 are usually in early spring and in mid-summer.

Contact Ken Pritchard at (206) 296-8265 or ken.pritchard@metrokc.gov, or visit <http://dnr.metrokc.gov/waterworks> for more information.



Learn about, care for and enjoy the beach environment at seven area beaches on low-tide weekends.

***Due to uncertainty of funding for 2003, this program may not be available after December 2002.**

(A) Action

(Cl) Classroom

(Cr) Curricula

(F) Field Trip

(G) Grants

(I) Internet

(O) Other

(P) Publications

(T) Teacher's Workshop

(V) Video

Ⓢ Wetland Technical Assistance

King County Department of Natural Resources and Parks

All ages • General questions on wetlands can be answered. Contact Chris Mayo at (206) 296-2955 or chris.mayo@metrokc.gov for more information.

Ⓟ NEW! Watershed Stewardship Directory

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • This great on-line tool directs you to people who are working to enhance or restore water and land resources in King County. The directory includes hundreds of government agencies, businesses, schools, community groups and funding sources. If your group should be included, or you are aware of others, contact Eric Maia at (206) 296-8024 or let us know via the online directory: <http://dnr.metrokc.gov/wlr/wmdir/>.

Ⓟ Brochures and Posters

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades K-12 • Brochures, manuals, reports files, audio and video tapes are available by calling (206) 296-6519, TTY 711 or toll-free (800) 325-6165, extension 66519, or visiting <http://dnr.metrokc.gov/wlr/pubs/pubindex.htm>.

Ⓟ County Tracks

King County Department of Natural Resources and Parks, Interpretive Programs Office

All ages • Focusing on the natural and cultural history of King County, this quarterly newsletter provides information on classes, activities and programs of interest to teachers.

Contact the Interpretive Programs Office at (206) 296-4171 or ipo.parks@metrokc.gov for a free subscription.

Ⓟ Downstream News

King County Department of Natural Resources and Parks, Water and Land Resources Division



Grades 8-Adult • The Downstream News newsletter (circulation 10,000) provides accessible information on land and water issues and publicizes upcoming volunteer events and resources.

Contact Polly Freeman at (206) 296-8359 or polly.freeman@metrokc.gov to get on the mailing list, or visit <http://dnr.metrokc.gov/wlr/pi/downstream-news.htm> for more information.

The four main program elements of the Interpretive Programs Office: Stream, Forest, Puget Sound and Wetlands.

Ⓢ H2Ope-A Free Video on King County's Watersheds

King County Department of Natural Resources and Parks

Grades 7-Adult • H2Ope for the Future tells the stories of King County's watersheds-the interconnectedness we share with all living things in a watershed-and why it is important to protect our fragile water resources. The film is ideal for the classroom and for anyone interested in understanding the function and value of our local watersheds. Viewers learn what they as individuals can do to help make a difference. This video will be supplied free to teachers and school libraries for use in classrooms, meetings or home viewing.

Contact Valerie Dascil at (206) 296-1968 or valerie.dascil@metrokc.gov for more information.

SALMON RESTORATION

Ⓢ Bear Creek Salmon Experience

Classic Nursery, 12526 Avondale Rd. NE Redmond, WA 98052

All ages • A community effort led by Leon Hussey has resulted in an interpretive trail along Bear Creek that offers a wonderful look at ancient cedars, up-

***Due to uncertainty of funding for 2003, this program may not be available after December 2002.**

Ⓐ Action

Ⓒ Classroom

Ⓒr Curricula

Ⓕ Field Trip

Ⓖ Grants

Ⓘ Internet

Ⓞ Other

Ⓟ Publications

Ⓢ Teacher's Workshop

Ⓢ Video

land and stream ecology, native plants and salmon. Call Leon Hussey (425) 885-5678 to schedule a field trip, or for more information.

(F) Cedar River Salmon Journey

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Take advantage of this chance to see salmon spawning and learn from volunteer naturalists about the natural and human history of the Cedar River. The program takes place on several Saturdays and Sundays in October and November on the Cedar River near Renton. During the summer, naturalists are on duty at the Chittenden Locks. Contact Polly Freeman at (206) 296-8359 or polly.freeman@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/cedar-river-naturalists.htm> for more information.

(I) Internet Resources

King County Department of Natural Resources and Parks, Water and Lands Resources Division

Contact Eric Maia at (206) 296-8024 or eric.maia@metrokc.gov, or visit <http://dnr.metrokc.gov/topics/salmon/SALtopic.htm> for salmon and trout information.

(O) Fall for Salmon

King County Department of Natural Resources and Parks, Public Affairs



All ages • Numerous opportunities are presented each October for students to learn about salmon through hands-on activities and other opportunities to restore salmon habitat.

Contact Jo Sullivan at (206) 296-8361 or jo.sullivan@metrokc.gov for a calendar of events.

(O) Salmon Information Center Helpline

Seattle Aquarium Society, Tri-County Endangered Species Act Effort

All ages • Information on salmon, the Endangered Species Act, volunteer opportunities and recovery efforts is available through this clearinghouse.

Call 1-877-SALMON9 or visit <http://www.salmoninfo.org> for more information.

Other volunteer opportunities that help salmon are listed in the Water Quality, Watersheds, Wetlands and Habitat sections of this document.

OTHER ENVIRONMENTAL PROGRAMS

(Cl) Forest Ecology, Land Use, Salmon Lifecycle and Biosolids

Mountains to Sound Greenway Trust and King County Department of Natural Resources and Parks, Wastewater Treatment Division

Grades 5-8 • Three curricula are offered: Forests on the Edge; Forests and Fins; and Greening up the Greenway (biosolids recycling). Each curriculum has introductory lessons, in-class sessions and field trips led by a Mountains to Sound environmental educator. Teachers can choose to use all segments of the curriculum or just one, as each stands on its own. Financial assistance is available for transportation to the field trip or the teacher can choose to use the free Wheels to Water bus (call Zana Geddes at (206) 296-8001). These programs help students understand forest ecology, land use issues, the salmon lifecycle and biosolids recycling. Hands-on activities, a video and student led presentations enrich each curriculum.

Grades 9-12 • An environmental case study is available, analyzing the issues associated with the use of biosolids recycling in local forests. A three-hour field activity is also available with this project.

Contact Sally Kentch at (206) 524-1665 or skentch@uswest.net, or visit www.mtsgreenway.org for more information.

**Due to uncertainty of funding for 2003, this program may not be available after December 2002.*

(A) Action

(Cl) Classroom

(Cr) Curricula

(F) Field Trip

(G) Grants

(I) Internet

(O) Other

(P) Publications

(T) Teacher's Workshop

(V) Video

G Natural Resource Stewardship Network

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Grants and technical assistance are available for urban forestry and watershed stewardship projects within the King County urban growth boundary. The Natural Resource Stewardship Network is a consortium of government agencies, businesses and educational institutions that pool resources to support community-based projects. Projects must involve volunteers and may include planting and maintaining trees, improving water quality, restoring water-dependent habitats and/or educating citizens about urban forests and watersheds. Grant requests for major projects are reviewed three times a year. Proposals under \$2,000 for urban forestry projects are accepted any time.

Contact Linda Vane at (206) 296-8042 or linda.vane@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/nrsn.htm> for an application or for more information.

G Rural Community Partnership Grants

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • A community service of the Rural Drainage Program, Rural Community Partnership grants target projects that solve drainage, water quality or habitat problems in rural King County. Organizations and schools that work in collaboration with King County to solve drainage, water quality or habitat problems in rural areas may qualify for grants up to \$50,000.

Contact Ken Pritchard at (206) 296-8265 or ken.pritchard@metrokc.gov for more information.

I Internet Resources

King County Department of Natural Resources and Parks, Water and Land Resources Division

Information about hands-on volunteer projects, publications and plans are available to you and your students at <http://dnr.metrokc.gov/wlr/>. Visit <http://dnr.metrokc.gov/wlr/resource.htm> for information on county water quality programs. For salmon and

trout information, visit <http://dnr.metrokc.gov/topics/salmon/SALtopic.htm>

Contact Eric Maia at (206) 296-8024 or eric.maia@metrokc.gov, or Jo Sullivan at jo.sullivan@metrokc.gov if you have questions or need more information.

I King County Volunteer Web Site

King County
Teachers and students looking for student community service projects have a valuable information-gathering resource available to them at <http://www.metrokc.gov/volunteer.htm>. The King County



Volunteers page links Web site users to more than two dozen volunteer opportunities concerning the environment, salmon conservation, recreation, arts programs, pet foster care, children's services, social services and the law.

Photo courtesy of King County Office of Cultural Resources

I Internet Resources

King County Department of Natural Resources and Parks

Find information about hands-on volunteer projects, publications and technical information at <http://dnr.metrokc.gov/>

Topics and issues include:

- Environmental Grants
- Hands on Volunteer Projects
- Parks and Recreation
- Recyclable Goods
- Salmon
- Solid Waste
- Wastewater Treatment
- Water and Land

For additional information about specific programs, please forward your request to the contact staff member listed at the bottom of each Web page. Also visit our "Resources for Students" page at <http://dnr.metrokc.gov/topics/learning/LRNtop.htm>.

Ⓞ Biosolids Recycling

King County Department of Natural Resources and Parks, Wastewater Treatment Division

Learn how everyday wastewater from more than a million local residents is transformed into a nutrient-rich soil amendment. Understand how biosolids are processed then returned to the earth to replenish soil nutrients and organic matter. Videos, speakers and tours of forestry, agriculture and restoration projects are available.

Call (206) 684-1247 for more information.

Ⓞ Land/Water Stewardship Program

Washington State University Cooperative Extension Service

All ages • Trainers from WSU Cooperative Extension Service, public agencies and citizen organizations provide classroom and field presentations on natural resource protection topics. The program emphasizes practical stewardship. Recent trainings have focused on watersheds and salmon, including presentations on geology, hydrology, forest resources, native plants, wetlands, wildlife and interactions between people and watersheds. The trainees also learn how to organize a stewardship project and how to educate youth and adults. Classes are held on consecutive Fridays from March through May, and consist of nine days of in-class training with field exercises (9 am to 4 PM) and two all day (Saturday) field trips. Following their completion of the training program, new stewards provide outreach to their communities with natural resource information and activities. Videos on water quality, wetland monitoring and agricultural best management practices are also available for loan.



Contact Paul Racette at (206) 205-3171 or paul.racette@metrokc.gov, or Sylvia Kantor at (206) 205-3131 or sylvia.kantor@metrokc.gov, or visit <http://www.metrokc.gov/WSU-CE/land&water/> for more information.

Ⓞ Lending Library/Lending Center

King County Department of Natural Resources and Parks

All ages • Videos, salmon costumes and publications are available to teachers, community groups, non-profit businesses and public agencies through this lending system.

Video titles include: *Little Drip* is a 15-minute adventure through the water cycle with eight-year old Wyatt and Little Drip; *Groundwater: the Flow From Below* uses humor to explain what groundwater is and how to protect it; *Go Natural!* features Bert the Salmon, who gives advice on salmon-friendly lawn care.

Several life stages of salmon are conveyed by costumes that can be borrowed and worn at fairs, workshops and various public events. The "Home and Garden Hints for Healthy Streams and Salmon" brochure provides water quality-friendly hints on home, yard and car care. "Get your feet wet!" highlights volunteer opportunities that keep streams and lakes healthy for people and wildlife.

The "Fish Tales" brochure and a video companion piece take a historic look at Northwest salmon as an icon and barometer of watershed health in King County. The postcard packet and video encourage citizens to make a connection with their local area lakes, rivers and streams. In the video, King County residents describe how their quality of life would be affected if salmon became extinct. Citizens are invited to tell their stories by visiting <http://dnr.metrokc.gov/fishtales/>.

The Salmon Challenge is an interactive computer game (PC and Mac compatible) developed for grades 4 through 9 to show students how their decisions help or harm the environment and area salmon. This game can also be played online at <http://dnr.metrokc.gov/wlr/waterres/salmonch.htm>. More educational materials are available on-line at <http://dnr.metrokc.gov/wlr/pubs/pubindex.htm>. Contact Valerie Dascil at (206) 296-1968; toll free (800) 325-6165, extension 61968, TTY 711 or valerie.dascil@metrokc.gov for more information.

Ⓢ Speaker's Bureau

King County Department of Natural Resources and Parks, Wastewater Treatment Division

All ages • Arrange to have a speaker come to your organization's meeting, neighborhood group or classroom to speak about water quality and wastewater treatment. Topics include wastewater treatment basics, the siting of our new regional wastewater treatment plant, regional wastewater system planning, advanced technologies, Puget Sound marine outfall studies and much more.

Contact John Phillips at (206) 684-6799 or john.phillips@metrokc.gov to schedule a speaker or for more information.

training requires a minimum of 20 people. Contact Sonia G. Morales O. at (206) 205-3133 or sonia.morales@metrokc.gov for more information.

Ⓣ Teacher Workshops

King County Department of Natural Resources and Parks

Teacher workshops are available on wetlands, salmon, schoolyard landscaping, Project WILD and Project WET (Water Education for Teachers).

Call (206) 296-4171 for more information.

Ⓢ Water and Land Technical Assistance

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Information can be provided and questions can be answered by staff during business hours on issues related to water and land resources.

Contact Valerie Dascil at (206) 296-1968 or valerie.dascil@metrokc.gov for more information.

Ⓢ Agriculture Program

Washington State University Cooperative Extension Service/King County Community and Human Services

A project for secondary and/or high school students interested in learning about agriculture, this program provides an opportunity for youth to discover agriculture as a career and to learn that agriculture includes more than farming. Students have the opportunity to learn about undergraduate programs available in agriculture. The Agriculture Program is offered through summer school programs.

In addition, teachers can enrich their agriculture curriculum and learn different activities for use in agriculture classrooms through a training that will be offered for one full week (Monday through Friday) in June or July 2003. This



The Agriculture Program offers students the opportunity to discover agriculture as a career and to learn that agriculture includes more than farming.



IV. Transportation

AIRPORT/AVIATION EDUCATION

(F) King County International Airport

*King County Department of Transportation,
King County International Airport*

All ages • A ramp-side tour provides a unique look at one of the nation's busiest general aviation airports. The narrated tour explaining the history and current operations at King County International Airport takes about one hour. In addition to the Boeing Company delivery ramp, where the newest commercial jet aircraft can be seen, the tour allows observation from the air-side of the Airport of a wide variety of general aviation businesses and activities. If time allows, additional stops can include a visit to the ARFF (Aircraft Rescue and Fire Fighting) station to see the latest in Aviation emergency response equipment, a tour of the 1930 Terminal Building, including historical displays and public art exhibits, and/or visits to local Airport businesses.

Tours are free and reservations at least two weeks in advance are requested. Tours require a minimum of 20 people for a bus tour and 10 people for a van tour.

Contact Rita Creighton, Airport Aviation Education Manager, at (206) 296-7431 or rita.creighton@metrokc.gov for more information.

Some groups like to visit the Museum of Flight or FAA Control Tower in conjunction with an Airport tour. Scheduling these visits is the responsibility of the tour group.

- Museum of Flight location: Southwest side of Boeing Field. Call (206) 764-5700

for more information (note: there is an admission charge)

- Federal Aviation Administration (FAA) Air Traffic Control Tower (ATCT) location: West side of Boeing Field. Call (206) 764-6611 for more information (age and group size limitations)

(Cr) Career Exploration

*King County Department of Transportation,
King County International Airport*

Grades 7-12 • Case studies have been prepared by the Magnuson Partnership, a project of the Port of Seattle and King County, to help students learn about careers in international trade and transportation. A case study is a short story problem about a real person and a challenge that person faces. These case study lesson plans feature people in our community who work in trade and transportation. They

are designed to give students an active way to "try on" a career. In addition,

they help students practice

basic skills in reading, writing

and problem solving.

These lesson plans are all based on the 7th grade benchmarks for the Washington State Essential Academic Learning Requirements (EALR's). They are also specifically designed to help students prepare for the reading and writing exercises that are part of the 7th grade Washington Assessment of Student Learning (WASL) exam. Each of these lesson plans includes everything needed for a 45-minute to one-hour lesson: student handouts, teaching notes, discussion questions, background information and answer keys for assignments. Each lesson plan includes at least one suggested written assignment to assist teachers with assessing how students are learning. Download lesson plans at <http://www.metrokc.gov/airport/education/teacher>



Students enjoy a tour of one of the nation's busiest general aviation airports.



Ⓢ Opportunity Skyway

*King County Department of Transportation,
King County International Airport*

Grades 5-12, Secondary students and school dropouts • Located on-site at Boeing Field, this airport-based education initiative uses hands-on learning to teach math, science, technology and other aviation-related subjects. Activities include: student assembly of full-sized aircraft; school-based projects using gliders, kites, hot air balloons, wind tunnels, navigation and other aspects of aviation; and competitions including an annual Aviation Olympiad that tests student skills in aeronautical design, construction and flight. Opportunity Skyway strives to integrate academic and vocational learning. The program operates year-round with:

- A summer program for youth seeking skills leading to a first-time job experience
- Out-of-school youth working to attain their GED while developing aircraft assembly skills
- Younger children attending a summer Aviation day camp
- Students from a local high school spending half a day during the school year learning real aircraft assembly skills

Call (206) 296-7431 for details and dates of activities, or visit <http://www.metrokc.gov/airport/education> for more information.

Ⓢ Job Shadows and Internships

*King County Department of Transportation,
King County International Airport*

Grades 9-12 • Aviation remains one of the most important aspects of the Northwest economy. Airport staff will help teachers and students arrange job shadows and internships in aviation-based occupations on an individual basis. Large-scale events with a wide variety of job shadows are held in February to support the National Groundhog Job Shadow Day and in April as part of King County's Take Your Children to Work Day.

Contact Rita Creighton, Aviation Education Manager, at (206) 296-7431 or rita.creighton@metrokc.gov for more information.

TRANSIT EDUCATION and SAFETY

Ⓢ Safety Assemblies

*King County Department of Transportation,
Metro Transit Education Services*

Grades K-6 • Full-school safety assemblies are available during September, October and November to schools throughout King County. The half-hour presentation includes a slide show. Materials will be given to all the students who attend the assembly and each school will receive our safety poster. Assembly emphasis is on appropriate bus riding behavior, the difference between Metro buses and school buses and our "Don't Cross in Front" safety message. Contact Colene Baker at (206) 684-1532 or colene.baker@metrokc.gov for more information.

Ⓢ Ride with Pride

*King County Department of Transportation,
Metro Transit Education Services*

Grades 1-3 • A 60-minute program using puppets, props, interactive poems and discussion is followed by a bus presentation that includes a short 10-15 minute bus ride. During the bus ride students look for Metro bus stops and local landmarks while practicing their bus riding manners. An educator will bring this popular program to your school.

Contact Colene Baker at (206) 684-1532 or colene.baker@metrokc.gov for more information.



Students look for bus stops and local landmarks while practicing their bus riding manners.

CI Transit in Transition and Part of the Pollution Solution

*King County Department of Transportation,
Metro Transit Education Services*

Grades 4-6 • An educator will come to your school and present a 60-minute program that includes a slide show. There are two options: “Transit in Transition” provides an overview of the history of transportation in King County, from the late 1800’s to the present, and then a look into the future. “Part of the Pollution Solution” features a slideshow that examines the impact of transportation on our environment. Following the classroom program is a bus presentation with a 10-15 minute bus ride. During the bus ride students look for Metro bus stops and local landmarks while practicing their bus riding manners. Total time: 1 hour. Contact Colene Baker at (206) 684-1532 or colene.baker@metrokc.gov for more information.

CI Metro Transit Speakers’ Bureau

*King County Department of Transportation,
Metro Transit Education Services*

All ages • From career days to coordinating transportation events, and community interaction to curriculum enrichment, Metro can provide a speaker for your classroom. Speakers are available for all classrooms from grade school through college. Many presentations are to English as Second Language (ESL) groups,

special education students or for teachers who are teaching a unit on public transportation. These presentations focus on how to ride a Metro bus and how to read a bus schedule. Contact Colene Baker at (206) 684-1532 or colene.baker@metrokc.gov for more information.

Cr Transit Kindergarten Kit

*King County Department of Transportation,
Metro Transit Education Services*

This kit contains a variety of teacher-directed and independent activities for kindergarten students. A school may reserve a kit for a two-week period to be shared by all kindergarten classes. At the end of the two-week period, a bus will come to the school so students may practice their bus riding manners during a short 10-15 minute trip. The contact teacher needs to arrange for the pick-up of the kindergarten kit from the Metro office in downtown Seattle. It may be returned with the bus driver. Contact Colene Baker at (206) 684-1532 or colene.baker@metrokc.gov for more information.

F Metro Base Tours

*King County Department of Transportation,
Metro Transit Education Services*

All ages • See Metro in action and talk to people behind the scenes. How are buses repaired and painted? How does Metro clean a big bus in only 10 minutes? Come to one of our bases to see. Tour the operator sign-in area, the maintenance shop, upholstery shop, body shop and paint shop. Learn about the tools and machines that the mechanics use. One-hour tours are available for all ages. There are four different bases and you can choose one in your area of the county!

Contact Colene Baker at (206) 684-1532 or colene.baker@metrokc.gov for more information.



(F) Metro Tunnel Tours

*King County Department of Transportation,
Metro Transit Education Services*

All ages • A self-guided one-hour tour of Metro's 1.3 mile-long underground tunnel. Students will enjoy learning about the tunnel as they look for scavenger hunt items listed in the "Tunnel Tour and Scavenger Hunt" self-guided tour brochure. View artwork and learn about trains that go over and under the tunnel. In the Westlake Station, look for sweaters etched in stone. In the University Station, shake your head and see pictures in flashing lights. There's much to see and do in the tunnel with our scavenger hunt. Maximum group size is 30 people. Contact Colene Baker at (206) 684-1532 or colene.baker@metrokc.gov for more information.

listen to it. The 12-minute video may be seen at one sitting, or it may be watched one section at a time.

Subjects/sections include:

- Introduction to Metro
- Getting Information
- How to Pay Your Bus Fare
- Regional Reduced Fare Permit (RRFP)
- Fare System
- When to Pay Your Bus Fare
- How to Use a Transfer
- Ready to Ride?
- When You Need Help
- Riding on the Bus
- Other Transportation Choices

Contact Colene Baker at (206) 684-1532 or colene.baker@metrokc.gov for more information.

(I) Transit School Program Web Site

*King County Department of Transportation,
Metro Transit Education Services*

Teachers and organization leaders can see all that Metro has to offer to students, preschool through college at <http://www.metrokc.gov/kcdot/kids/transit/index.htm>. Students will want to visit the "Transit Topics for Kids" site, where they will find articles, activities and a bus photo album. Do you need ideas on where to take your group for a field trip on a Metro bus? Visit our field trip program site at <http://www.metrokc.gov/kcdot/kids/transit/field.htm>.



Department of Transportation field trips include tours of the Metro bus tunnel, Metro bases and the King County International Airport.

(V) See You on Metro

*King County Department of Transportation,
Metro Transit Education Services*

Grades 6-12 • Originally developed for English as a Second Language (ESL) audiences in Welfare to Work programs, this video is an excellent tool for ESL and Special Education programs. It is highly visual with limited narration spoken at a slow speed. The video is closed captioned so that ESL and hearing impaired students are able to read the dialogue as well as



(A) Action

(Cl) Classroom

(Cr) Curricula

(F) Field Trip

(G) Grants

(I) Internet

(O) Other

(P) Publications

(T) Teacher's Workshop

(V) Video

V. Health and Community Safety

HEALTH

ⒸI Tuberculosis Education

King County Department of Public Health
Grades 6-12 • You can arrange for a public health nurse educator to visit your classroom to teach students about tuberculosis infection and prevention. This presentation includes specific local as well as worldwide information on the disease, and can be taught in different languages.

Contact Diana Vinh at (206) 731-4579 or diana.vinh@metrokc.gov for more information.

Ⓒr Extension Family Nutrition Education Program (EFNEP)

WSU Cooperative Extension/King County
Grades K-12 • This effective year-round food and nutrition education program targets students with limited resources. The program employs a well-tested curriculum aimed at improving students' food and nutrition-related knowledge, behaviors and overall health. Dynamic, interactive classes use demonstrations, handouts, games and hands-on activities to enhance learning. Well-trained Nutrition Educators, experienced in teaching culturally diverse audiences in a variety of settings, work with individual teachers to plan a series of classes designed to meet class and program objectives and to address the needs of individual student audiences.

A series of classes is available, with classes ranging in length from 30-60 minutes, depending on topic and age of students. The number of lessons provided and topics covered is flexible/variable, determined by mutual agreement between teacher and Nutrition Educator. Oppor-

tunities for practicing new skills are provided to enhance learning and encourage positive changes in food and nutrition-related behaviors. Lesson handouts are provided to students during individual lessons. Topics include:

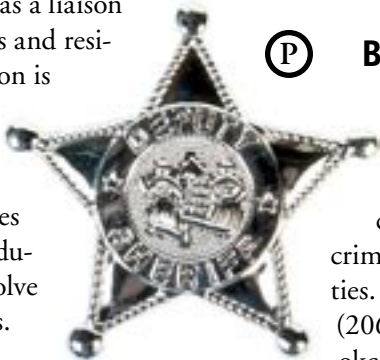
- The Food Guide Pyramid
- Cooking Skills
- Nutrients for a Healthy Body
- Food Shopping
- Healthy Snacks
- Food Safety
- Meal Planning

Contact Rebecca Rabbitt @ (206) 205-3198 or rebecca.rabbitt@metrokc.gov, or Susan Hauck at (206) 205-3162 or susan.hauck@metrokc.gov for more information.



COMMUNITY SAFETY**© Community Storefronts***King County Sheriff's Office*

All ages • Storefronts are staffed by full-time sheriff's deputies who serve as a liaison to community organizations and residents. Their primary function is to identify and work with the community on areas of concern and quality of life issues. Storefront deputies are available to work with educators on problems that involve students or school campuses. There are currently fifteen



Storefronts in unincorporated King County, two in the City of Shoreline and one in the new City of Sammamish.

Contact Sergeant Calvin Beringer at (206) 296-3340 or calvin.beringer@metrokc.gov for more information.

Ⓟ Boulevard Park Storefront Newsletter*King County Sheriff's Office*

All ages • This quarterly newsletter covers safety, crime prevention and crime trend information for communities. Contact Sergeant Calvin Beringer at (206) 296-3340 or calvin.beringer@metrokc.gov for more information.

VI. Emergency Preparedness and Prevention**Ⓒ Seismic Sleuths***King County Department of Executive Services, Office of Emergency Management*

Grades 7-12 • A limited supply of Seismic Sleuths curriculum guides are available to educators. Seismic Sleuths is an interactive, hands-on curriculum that explores the cause of earthquakes, ways to measure their effects and preparedness issues. Produced by the Federal Emergency Management Agency (FEMA). Contact Laurel Nelson at (206) 205-8110 or laurel.nelson@metrokc.gov for more information.

Ⓒ Tremor Troops*King County Department of Executive Services, Office of Emergency Management*

Grades K-6 • A limited supply of Tremor Troops curriculum guides are available to educators. Tremor Troops is an interactive, hands-on curriculum that explores the cause of earthquakes, ways to measure their effects and preparedness issues. Produced by the Federal Emergency Management Agency (FEMA). Contact Laurel Nelson at (206) 205-8110 or laurel.nelson@metrokc.gov for more information.

Ⓕ Emergency Operations Center Field Trips*King County Department of Executive Services, Emergency Operations Center*

Grades 8-10 • Tour the county's Emergency Operations Center (EOC) where representatives from county departments and outside agencies coordinate disaster operations. Students will learn about the county's role during a disaster, such as an earthquake or flood, and how the EOC assists cities and communities within King County with disaster prevention and response issues. The tour features an inside look at the EOC's high-tech equipment and radios that are used during disaster activations. Tour length is 1.5 to 2 hours. Tours are scheduled on a first-come, first-serve basis. ONLY one tour scheduled per month.

Call (206) 296-3830 to schedule a tour or for more information. Visit <http://www.metrokc.gov/prepare> for more Emergency Preparedness and Prevention information.

VII. Miscellaneous

Ⓒ King County Work Training Program

King County Community Services Division
Grades 7-12 • The Work Training Program provides education, employment and training services for hard-to-serve youth in King County outside the city of Seattle. Youth must be low income, high school dropouts (or at risk of dropping out of school) and between the ages of 14 and 24 years of age. Thirty-minute classroom presentations are available on pre-employment training, how to look for a job, prepare a resume and how to complete a work application. Career exploration and labor market information is available. Services include case management, GED attainment, basic skills remediation, credit recovery, life skills, parenting, counseling and employment and training services.

Contact George Dignan at (206) 296-5220 or george.dignan@metrokc.gov for more information.

Ⓒ 4-H Curricula

Washington State University Cooperative Extension Service/King County Department of Natural Resources and Parks

Grades K-12 • From Hedgehogs to Rocketry, Wetlands to Computers, as well as the Theatre Arts, 4-H activities teach life skills. Research-based information offers background knowledge for long-term projects that can be taken to the county and state fairs. K-12 teachers and

home-school families find the activities easy to adapt to individual needs and classroom sites.

Contact Loida Llenas at (206) 205-3108 or loida.llenas@metrokc.gov or visit <http://king.wsu.edu/4-H> for more information.

Ⓒ 4-H Programs

Washington State University Cooperative Extension Service/King County Department of Natural Resources and Parks

Grades 6-12 • 4-H programs feature Best Management Practices (BMPs), field trips, competition and implementation. In conjunction with the King County Water and Land Resources Division, 4-H offers youth groups an opportunity to tour local farms in spring, summer and fall to learn about Farm Plans and BMPs for livestock. Youth can create educational exhibits for fair competition and to inform fair visitors about BMPs. High school students are invited to construct BMPs on selected farms.

Contact Carris Booker at (206) 205-3177 or carris.booker@metrokc.gov, or Brad Gaolach at (206) 205-3135 or brad.gaolach@metrokc.gov or visit <http://king.wsu.edu/4-H> for more information.

Ⓒ 4-H Challenge Ropes Course and Portable Challenge Kit

Washington State University Cooperative Extension Service/King County Department of Natural Resources and Parks

Grades 6-12 • Located at Bonney Lake, the year-round 4-H Challenge Ropes Course offers outdoor activities that develop problem-solving skills, teamwork, self-awareness, communication and leadership among youth. Trained facilitators insure safety and fun. Pre and post-event activities are suggested for classroom reinforcement of skills learned in the field. A portable challenge kit is available to teachers who have attended a three-day facilitator training, offered twice each year. Kit activities can be easily conducted in the school gym on an as-needed basis. Allow one day for the Challenge Ropes Course at Bonney Lake, two hours for Portable Challenge. Facilitator training is also available to interested community members.

Contact Carey Roos at (206) 205-3152 or carey.roos@metrokc.gov or visit <http://4hchallenge.wsu.edu/bonneylake> for more information.

Photo Courtesy of King County Office of Cultural Resources.



Ⓟ King County 4-H Program Newsletter

Washington State University Cooperative Extension Service/King County Department of Natural Resources and Parks

Adults • The monthly newsletter supports 4-H project activities in schools and community centers throughout King County. The newsletter promotes adult and youth training three times each year, suggests tips for having fun at the King County Fair by exhibiting projects and links groups to local resources for community service projects and extended learning opportunities. The newsletter is for adults; the 4-H Program is for youth ages 5-18.

Contact Loida Llarenas at (206) 205-3108 or loida.llarenas@metrokc.gov, or visit <http://king.wsu.edu/4-H> for more information.

Ⓞ Dial Extension

Washington State University Cooperative Extension Service/King County

Dial Extension is an automated taped message system offering information on a wide variety of topics including home management, money management, home safety, garden and pest management, house pests, fruits, and berries and fish. Many tapes appeal to all ages. Taped messages range from 3 to 5 minutes and are available 24 hours a day for touch-tone callers, 8:30am to 4:30pm for rotary telephone callers. Call (206) 296-3425 to reach Dial Extension. Call (206) 205-3125 for printed brochures with tape categories and numbers.

Contact Paul H. Gutierrez at (206) 205-3125 (ext. 3125) or paul.gutierrez@metrokc.gov for more information.

Ⓞ King County's Fiber Optic Network Plans

King County Department of Executive Services, Information and Telecommunications Services Division

King County is building a fiber optic institutional network (I-Net) to 270 sites, including all school districts, suburban cities and some King County agencies as well as a group of content providers: museums, King County libraries, the Zoo, Seattle Center, Seattle Art Museum and Benaroya Hall. Many King County regional and branch libraries and King County departments are already using I-Net and its capabilities. Over 11,000 miles of fiber optic cable have been installed to enable this high-speed broadband network. Three suburban cities have recently been added as customers. Three school districts are now using a combination of I-Net and "dark fiber" to upgrade their network infrastructure. This network will enable participants to contact each other via data or video across the network. I-Net will allow schools to use distance learning capacities with higher education, allowing K-12 students to "sit in" on classes at the community colleges, and teachers can participate in continuing education classes without leaving their schools.

The increased capacity and performance that I-Net provides will help future applications like two-way video between members of the I-Net. Schools need their own video or computing equipment to take full advantage of the I-Net network.

I-Net is an E-Rate eligible service provider. King County libraries are already receiving discounted rates through the program for Year 4 and Kent, Northshore and Tahoma school districts have made applications for Year 5 funding. Contact John Anthony at (206) 263-4834 or john.anthony@metrokc.gov for more information, or visit <http://www.metrokc.gov/I-net>

This program for elementary schools encourages students to "Re-think R – Habits" (Reduce, Re-use and Recycle).



Ⓐ Action

Ⓒ Classroom

Ⓒr Curricula

Ⓕ Field Trip

Ⓒ Grants

Ⓘ Internet

Ⓞ Other

Ⓟ Publications

Ⓣ Teacher's Workshop

Ⓥ Video

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KING COUNTY PROGRAM CONTACTS

Note: All King County employees can be reached by using the following E-mail format: firstname.lastname@metrokc.gov.

Office of Civil Rights

Classroom/School Presentations
Sandy Macdonald (206) 296-7592

Cultural Education Program

Cultural Education Program
Charlie Rathbun (206) 296-8675
Holly Taylor (206) 296-8573
Special Arts Projects
Doreen Mitchum (206) 296-7579
Special Heritage Projects
Donovan Gray (206) 296-8682
Holly Taylor (206) 296-8573

Department of Community and Human Services

Work Training Program
George Dignan (206) 296-5220

Department of Executive Services**Office of Emergency Management**

Emergency Preparedness Training
Laurel Nelson (206) 205-8110

Department of Natural Resources and Parks**Public Affairs**

Fall for Salmon Month
Jo Sullivan (206) 296-8361

Parks and Recreation Division

Community Gardening Program
Laura Niemi (206) 296-4294
Jan Dahl (206) 296-4296

Wetlands Information

Chris Mayo (206) 296-2955

For the following programs, call the Interpretive Programs Office at (206) 296-4171:

County Tracks, Forest Connection, Nature in the Classroom, Puget Sound Connection, Stream Connection, Wetland Connection

Solid Waste Division

Class Act and Green Gram newsletters
Donna Miscolta (206) 296-4477
Household Hazardous Waste Teacher Training
Gerty Coville (206) 296-8459
Master Recycler Composter Program

Karen May (206) 296-4353

Imagine a Better Earth (formerly RecycleArtist)

Dale Alekel (206) 296-8457

Waste Reduction and Recycling (Elementary)

Donna Miscolta (206) 296-4477

Waste Reduction and Recycling (Secondary)

Karen May (206) 296-4353

Water and Land Resources Division

Adopt-A-Park Program

Tina Miller (206) 296-2990

Beach Naturalist Program

Polly Freeman (206) 296-8359

Car Wash Kits and Storm Drain Stenciling

Lexi Taylor (206) 296-8287

Cedar River Salmon Journey

Polly Freeman (206) 296-8359

Downstream News

Polly Freeman (206) 296-8359

Grant Program

Donna Kalka (206) 296-8494

Ground Water Programs

Ray Eldridge (206) 263-6572

Household Hazardous Waste Classroom Program

Gail Gensler (206) 263-3082

Native Plant Salvage Program (206) 296-1923 Natural Resource Stewardship Network

Linda Vane (206) 296-8042

Public Meeting and Exhibition Calendar

Valerie Dascil (206) 296-1968

Rural Community Partnership Grants

Ken Pritchard (206) 296-8265

Salmon or Trout Information

Eric Maia (206) 296-8024

Technical Assistance and Lending Center

Valerie Dascil (206) 296-1968

Volunteer Plantings

Polly Freeman (206) 296-8359

Water Quality Education Program

Lexi Taylor (206) 296-8287

WaterWorks Program

Ken Pritchard (206) 296-8265

Wastewater Treatment Division

Biosolids Recycling (206) 684-1247

Speakers Bureau

John Phillips (206) 684-6799

Wastewater Treatment Programs

KING COUNTY PROGRAM CONTACTS (CONTINUED)

Bernadette Donald (206) 296-8286

Wheels to Water Program

Zana Geddes (206) 296-8001

Department of Public Health

Tuberculosis Education

Diana Vinh (206) 731-4579

Department of Public Safety**Sheriff's Office**

Community Safety

Sergeant Calvin Beringer (206) 296-3340

Department of Transportation

Airport Aviation Education

Rita Creighton (206) 296-7431

Transit Education and Field Trip Programs

Colene Baker (206) 684-1532

WSU Cooperative Extension/King County

4-H Programs

Loida Llarenas (206) 205-3108

Carey Roos (206) 205-3152

Carris Booker (206) 205-3177

Brad Gaolach (206) 205-3135

Agriculture and Cultural Diversity Programs

Sonia G. Morales O. (206) 205-3133

Dial Extension

Paul Gutierrez (206) 296-3470

Land/Water Stewardship Program

Paul Racette (206) 205-3171

Sylvia Kantor (206) 205-3131

Nutrition Education

Susan Hauck (206) 205-3162

Rebecca Rabbit (206) 205-3163

FIND IT ON THE NET

The following internet addresses are found throughout this directory. They are listed by topic below for your convenience.

4-H Program:

<http://www.metrokc.gov/wsuc-ce/4-H/>

Airport Aviation Education

<http://www.metrokc.gov/airport/education/>

Civil Rights

<http://www.metrokc.gov/dias/ocre>

Class Act and Green Gram Newsletters

<http://dnr.metrokc.gov/swd/schoolpr/news/news.htm>

Cultural Education:

<http://www.metrokc.gov/exec/culture>

Department of Natural Resources and Parks Kids

Web site:

<http://www.metrokc.gov/dnr/kidsweb/>

Department of Natural Resources and Parks

Publications:

<http://dnr.metrokc.gov/topics/publications/pubtopic.htm>

Earth Legacy Initiative

<http://www.metrokc.gov/earthlegacy/>

Emergency Preparedness

<http://www.metrokc.gov/prepare>

Household Hazardous Waste:

<http://www.metrokc.gov/hazwaste/>

Imagine A Better Earth:

<http://dnr.metrokc.gov/swd/schoolpr/second/recycle.htm>

Institutional (I-Net) Program:

<http://www.metrokc.gov/I-net>

Parks Programs:

<http://www.metrokc.gov/parks>

Salmon Information:

<http://www.salmoninfo.org>

Speaker's Bureau and Treatment Plant Tours:

<http://dnr.metrokc.gov/wtd/tours/index.htm>

Volunteer Opportunities:

<http://www.metrokc.gov/volunteer.htm>

Small Change for a Big Difference Grants:

<http://dnr.metrokc.gov/wlr/pi/grants.htm>

Waste Reduction and Recycling topics:

<http://dnr.metrokc.gov/swd/>

Wastewater Treatment Division:

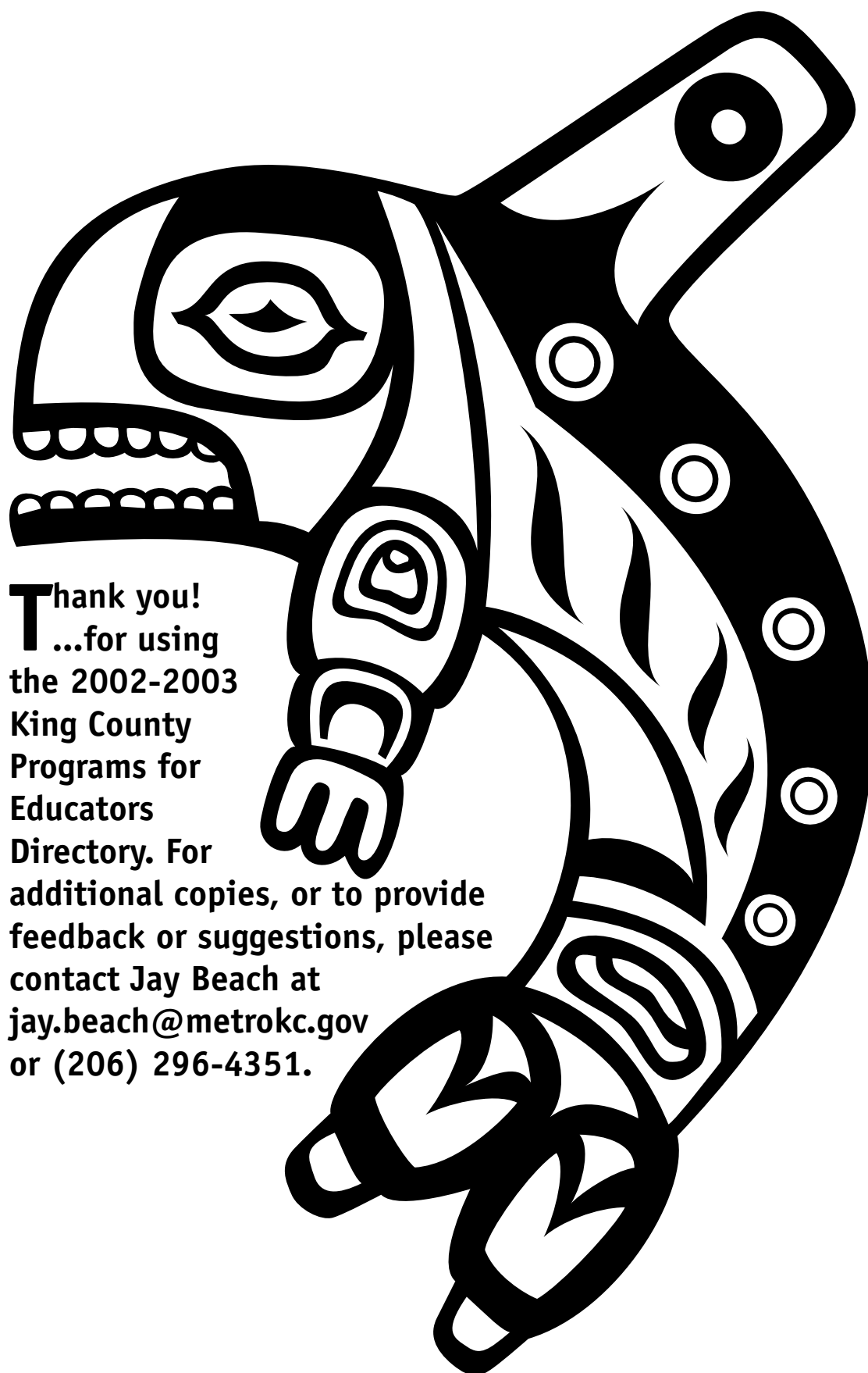
<http://dnr.metrokc.gov/wtd/>

Water Quality:

<http://dnr.metrokc.gov/wlr/resource.htm>

Wheels to Water Program:

<http://dnr.metrokc.gov/wtd/wheelstowater/index.htm>



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the 2002-2003
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Programs for
Educators
Directory. For
additional copies, or to provide
feedback or suggestions, please
contact Jay Beach at
jay.beach@metrokc.gov
or (206) 296-4351.